

Test for the best visual linearized output of Picture A7-120-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-120-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-120-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-120-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps

Part 1 OE640-3N-120-7

Documentation of file format, hardware and software for this test:

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS> or underline Yes/No

Used computer operating system:
either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the device output: underline monitor/data projector/printer
Device model, driver and version:.....

Device output with PDF/PS-file: underline PDF/PS-file

For device output with PDF-file OE64L0NP.PDF:
either PDF-file transfer "download, copy" to PDF device.....
or with computer system interpretation by "Display-PDF":.....
or with software e. g. Adobe-Reader/-Acrobat and version:.....
or with software e. g. Ghostscript and version:.....

For device output with PS-file OE64L0NA.PS:
either PS-file transfer "download, copy" to PS device.....
or with computer system interpretation by "Display-PS":.....
or with software e. g. Ghostscript and version:.....
or with software e. g. Mac-Yap and version:.....

Special remarks: Special remarks, e. g. output of Landscape (L)
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.....
.....

Part 3 OE640-7N-120-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all (->rgb*_{de}) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:0,31$; Y_N range 0,0 to <0,46
output 130-7: $g_P=1.0$; $g_N=1.0$

Test for the best visual linearized output of Picture A7-120-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-120-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	Yes/No
	0 - 1	Yes/No
	7 - 8	Yes/No
	E - F	Yes/No
	2 - 0	Yes/No
	8 - 6	Yes/No
	F - D	Yes/No
Test of the radial grating under 45° according to picture A5-120-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi
Test of the radial grating under 90° according to picture A6-120-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi

Part 2 OE641-3N-120-7

Documentation of assessor colour vision properties for visual assessment

The assessor has **normal** colour vision according to one test:
either according to DIN 6160:1996 with Anomaloskop of Nagel underline Yes/No
or with test charts using colour points according to Ishihara underline Yes/unknown
or tested with, please specify: underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky) underline Yes/No

PDF file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF> underline Yes/No

PS file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS> underline Yes/No

Picture A7-120-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
compare standard print output according to ISO/IEC 15775 with range F:0 underline range

*Remark: In daylighted offices the contrast range is in many cases:
on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)*

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS> or underline Yes/No

picture A7-120-2
picture A7-120-2

colour measurement and specification for:
CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: underline Yes/No
If No, please give other parameters:

Colorimetric specification with PS file for colours in the columns A to T
Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF underline Yes/No
If No, please describe other method:

Part 4 OE641-7N-120-7

Test for the best visual linearized output of Picture A7-121-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-121-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-121-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-121-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps

Part 1

OE640-3N-121-7

Documentation of file format, hardware and software for this test:

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS> or underline Yes/No

Used computer operating system:

either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the device output: underline monitor/data projector/printer

Device model, driver and version:.....

Device output with PDF/PS-file: underline PDF/PS-file

For device output with PDF-file OE64L0NP.PDF:

- either PDF-file transfer "download, copy" to PDF device.....
- or with computer system interpretation by "Display-PDF":.....
- or with software e. g. Adobe-Reader/-Acrobat and version:.....
- or with software e. g. Ghostscript and version:.....

For device output with PS-file OE64L0NA.PS:

- either PS-file transfer "download, copy" to PS device.....
- or with computer system interpretation by "Display-PS":.....
- or with software e. g. Ghostscript and version:.....
- or with software e. g. Mac-Yap and version:.....

Special remarks:Special remarks, e. g. output of Landscape (L)

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Part 3

OE640-7N-121-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:0,62$; Y_N range 0,46 to <0,93 output 131-7: $g_P=0,92$; $g_N=1,0$

Test for the best visual linearized output of Picture A7-121-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-121-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	Yes/No
	0 - 1	Yes/No
	7 - 8	Yes/No
	E - F	Yes/No
	2 - 0	Yes/No
	8 - 6	Yes/No
	F - D	Yes/No
Test of the radial grating under 45° according to picture A5-121-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi
Test of the radial grating under 90° according to picture A6-121-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi

Part 2

OE641-3N-121-7

Documentation of assessor colour vision properties for visual assessment

The assessor has normal colour vision according to one test:

- either according to DIN 6160:1996 with Anomaloskop of Nagel
- or with test charts using colour points according to Ishihara
- or tested with, please specify:

underline Yes/No
underline Yes/unknown
underline Yes/unknown
underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky)

PDF file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

PS file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

Picture A7-121-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
compare standard print output according to ISO/IEC 15775 with range F:0

Remark: In daylighted offices the contrast range is in many cases:
on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

picture A7-121-2

underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

picture A7-121-2

or underline Yes/No

colour measurement and specification for:

CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry:

If No, please give other parameters:

underline Yes/No

Colorimetric specification with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF

If No, please describe other method:

underline Yes/No

Part 4

OE641-7N-121-7

Test for the best visual linearized output of Picture A7-122-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-122-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-122-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 5 steps:		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-122-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 16 steps:		 Steps

Part 1

OE640-3N-122-7

Documentation of file format, hardware and software for this test:

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS> or underline Yes/No

Used computer operating system:

either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the device output: underline monitor/data projector/printer

Device model, driver and version:.....

Device output with PDF/PS-file: underline PDF/PS-file

For device output with PDF-file OE64L0NP.PDF:

- either PDF-file transfer "download, copy" to PDF device.....
- or with computer system interpretation by "Display-PDF":.....
- or with software e. g. Adobe-Reader/-Acrobat and version:.....
- or with software e. g. Ghostscript and version:.....

For device output with PS-file OE64L0NA.PS:

- either PS-file transfer "download, copy" to PS device.....
- or with computer system interpretation by "Display-PS":.....
- or with software e. g. Ghostscript and version:.....
- or with software e. g. Mac-Yap and version:.....

Special remarks: Special remarks, e. g. output of Landscape (L)

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Part 3

OE640-7N-122-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:1,25$; Y_N range 0,93 to <1,87 output 132-7: $g_P=0,85$; $g_N=1,0$

Test for the best visual linearized output of Picture A7-122-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-122-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	Yes/No
	0 - 1	Yes/No
	7 - 8	Yes/No
	E - F	Yes/No
	2 - 0	Yes/No
	8 - 6	Yes/No
	F - D	Yes/No
Test of the radial grating under 45° according to picture A5-122-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi
Test of the radial grating under 90° according to picture A6-122-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi

Part 2

OE641-3N-122-7

Documentation of assessor colour vision properties for visual assessment

The assessor has normal colour vision according to one test:

either according to DIN 6160:1996 with Anomaloskop of Nagel

or with test charts using colour points according to Ishihara

or tested with, please specify:

underline Yes/No

underline Yes/unknown

underline Yes/unknown

underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky)

PDF file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

PS file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

Picture A7-122-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)

compare standard print output according to ISO/IEC 15775 with range F:0 underline range

Remark: In daylighted offices the contrast range is in many cases:

on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

picture A7-122-2

underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

picture A7-122-2

or underline Yes/No

colour measurement and specification for:

CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry:

If No, please give other parameters:

underline Yes/No

Colorimetric specification with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer

of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF

If No, please describe other method:

underline Yes/No

OE641-7N-122-7

Test for the best visual linearized output of Picture A7-123-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-123-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-123-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-123-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps

Part 1 OE640-3N-123-7

Documentation of file format, hardware and software for this test:	
PDF-File:	http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF underline Yes/No
PS-File:	http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS or underline Yes/No
Used computer operating system: either one of Windows/Mac/Unix/other and version:.....	
This evaluation is for the device output: underline monitor/data projector/printer	
Device model, driver and version:.....	
Device output with PDF/PS-file: underline PDF/PS-file	
For device output with PDF-file OE64L0NP.PDF:	
either PDF-file transfer "download, copy" to PDF device:.....	
or with computer system interpretation by "Display-PDF":.....	
or with software e. g. Adobe-Reader/-Acrobat and version:.....	
or with software e. g. Ghostscript and version:.....	
For device output with PS-file OE64L0NA.PS:	
either PS-file transfer "download, copy" to PS device:.....	
or with computer system interpretation by "Display-PS":.....	
or with software e. g. Ghostscript and version:.....	
or with software e. g. Mac-Yap and version:.....	
Special remarks:Special remarks, e. g. output of Landscape (L)	

Part 3 OE640-7N-123-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all (->rgb*_de) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:2,5$; Y_N range 1,87 to <3,75 output 133-7: $g_P=0,77$; $g_N=1,0$

Test for the best visual linearized output of Picture A7-123-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-123-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	
	0 - 1	
	7 - 8	
	E - F	
	2 - 0	
	8 - 6	
	F - D	
Test of the radial grating under 45° according to picture A5-123-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi	Yes/No	
Test with a magnifying glass (e.g. 6x): - from 15 lpi:	to lpi	
Test of the radial grating under 90° according to picture A6-123-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi	Yes/No	
Test with a magnifying glass (e.g. 6x): - from 15 lpi:	to lpi	

Part 2 OE641-3N-123-7

Documentation of assessor colour vision properties for visual assessment	
The assessor has normal colour vision according to one test:	
either according to DIN 6160:1996 with Anomaloskop of Nagel	underline Yes/No
or with test charts using colour points according to Ishihara	underline Yes/unknown
or tested with, please specify:	underline Yes/unknown
For visual evaluation of the display (monitor, data projector) output	
Office workplace illumination is daylight (clouded/north sky)	underline Yes/No
PDF file: http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF	underline Yes/No
PS file: http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS	underline Yes/No
Picture A7-123-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)	underline range
compare standard print output according to ISO/IEC 15775 with range F:0	
Remark: In daylighted offices the contrast range is in many cases: on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)	
Only for optional colorimetric specification with PDF/PS file output	
PDF-File: http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF	underline Yes/No
picture A7-123-2	underline Yes/No
PS-File: http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS	underline Yes/No
picture A7-123-2	underline Yes/No
colour measurement and specification for:	
CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry:	underline Yes/No
If No, please give other parameters:	
Colorimetric specification with PS file for colours in the columns A to T	
Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer	
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF	underline Yes/No
If No, please describe other method:	

Part 4 OE641-7N-123-7

Test for the best visual linearized output of Picture A7-124-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-124-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-124-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 5 steps:		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-124-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 16 steps:		 Steps

Part 1

OE640-3N-124-7

Documentation of file format, hardware and software for this test:

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS> or underline Yes/No

Used computer operating system:

either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the device output: underline monitor/data projector/printer

Device model, driver and version:.....

Device output with PDF/PS-file: underline PDF/PS-file

For device output with PDF-file OE64L0NP.PDF:

- either PDF-file transfer "download, copy" to PDF device.....
- or with computer system interpretation by "Display-PDF":.....
- or with software e. g. Adobe-Reader/-Acrobat and version:.....
- or with software e. g. Ghostscript and version:.....

For device output with PS-file OE64L0NA.PS:

- either PS-file transfer "download, copy" to PS device.....
- or with computer system interpretation by "Display-PS":.....
- or with software e. g. Ghostscript and version:.....
- or with software e. g. Mac-Yap and version:.....

Special remarks:Special remarks, e. g. output of Landscape (L)

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Part 3

OE640-7N-124-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all (->rgb*_de) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:5$; Y_N range 3,75 to <7,5
output 134-7: $g_P=0.7$; $g_N=1.0$

Test for the best visual linearized output of Picture A7-124-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-124-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	Yes/No
	0 - 1	Yes/No
	7 - 8	Yes/No
	E - F	Yes/No
	2 - 0	Yes/No
	8 - 6	Yes/No
	F - D	Yes/No
Test of the radial grating under 45° according to picture A5-124-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi
Test of the radial grating under 90° according to picture A6-124-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi

Part 2

OE641-3N-124-7

Documentation of assessor colour vision properties for visual assessment

The assessor has normal colour vision according to one test:

- either according to DIN 6160:1996 with Anomaloskop of Nagel
- or with test charts using colour points according to Ishihara
- or tested with, please specify:

underline Yes/No
underline Yes/unknown
underline Yes/unknown
underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky)

underline Yes/No

PDF file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

underline Yes/No

PS file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

underline Yes/No

Picture A7-124-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)
compare standard print output according to ISO/IEC 15775 with range F:0

underline range

Remark: In daylighted offices the contrast range is in many cases:

on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

or underline Yes/No

colour measurement and specification for:

CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry:

underline Yes/No

If No, please give other parameters:

Colorimetric specification with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF

underline Yes/No

If No, please describe other method:

OE641-7N-124-7

Test for the best visual linearized output of Picture A7-125-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the radial grating according to picture A1-125-0		
N-W-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-N-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
N-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
W-Z-radial grating:	Is the resolution diameter < 6 mm?	Yes/No
	Test with magnifying glass (e.g. 6x)	 mm
	resolution diameter	 mm
Test of 5 visual equidistant L*-grey steps according to picture A2-125-0		
Are the 5 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 5 steps:		 Steps
Test of 16 visual equidistant L*-grey steps according to picture A3-125-0		
Are the 16 steps on the upper rows distinguishable?		Yes/No
If No: How many steps can be distinguished?		 Steps
of the given 16 steps:		 Steps

Part 1

OE640-3N-125-7

Documentation of file format, hardware and software for this test:

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NP.PDF> underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64L0NA.PS> or underline Yes/No

Used computer operating system:

either one of Windows/Mac/Unix/other and version:.....

This evaluation is for the device output: underline monitor/data projector/printer

Device model, driver and version:.....

Device output with PDF/PS-file: underline PDF/PS-file

For device output with PDF-file OE64L0NP.PDF:

- either PDF-file transfer "download, copy" to PDF device.....
- or with computer system interpretation by "Display-PDF":.....
- or with software e. g. Adobe-Reader/-Acrobat and version:.....
- or with software e. g. Ghostscript and version:.....

For device output with PS-file OE64L0NA.PS:

- either PS-file transfer "download, copy" to PS device.....
- or with computer system interpretation by "Display-PS":.....
- or with software e. g. Ghostscript and version:.....
- or with software e. g. Mac-Yap and version:.....

Special remarks:Special remarks, e. g. output of Landscape (L)

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Part 3

OE640-7N-125-7

OE64: Form A for test chart according to ISO 9241-306; 1MR, DEHinput: all ($\rightarrow \text{rgb}^*_{\text{de}}$) setrgbcolor
Viewing Y contrast $Y_W:Y_N=88,9:10$; Y_N range 7,5 to <15
output 135-7: $g_P=0.62$; $g_N=1.0$

Test for the best visual linearized output of Picture A7-125-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the Landolt-rings N-W according to picture A4-125-0		
N-W-radial grating:		
Is the recognition frequency of the Landolt-rings > 50% (5 of 8 at least)?		
	background - ring	Yes/No
	0 - 1	Yes/No
	7 - 8	Yes/No
	E - F	Yes/No
	2 - 0	Yes/No
	8 - 6	Yes/No
	F - D	Yes/No
Test of the radial grating under 45° according to picture A5-125-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi
Test of the radial grating under 90° according to picture A6-125-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x): - from 15 lpi:		to lpi

Part 2

OE641-3N-125-7

Documentation of assessor colour vision properties for visual assessment

The assessor has normal colour vision according to one test:

either according to DIN 6160:1996 with Anomaloskop of Nagel

or with test charts using colour points according to Ishihara

or tested with, please specify:

underline Yes/No

underline Yes/unknown

underline Yes/unknown

underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky)

PDF file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

PS file: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

Picture A7-125-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0)

compare standard print output according to ISO/IEC 15775 with range F:0 underline range

Remark: In daylighted offices the contrast range is in many cases:

on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PDF>

picture A7-125-2

underline Yes/No

PS-File: <http://130.149.60.45/farbmetrik/OE64/OE64F1P2.PS>

picture A7-125-2

or underline Yes/No

colour measurement and specification for:

CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry:

If No, please give other parameters:

underline Yes/No

Colorimetric specification with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer

of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF

If No, please describe other method:

underline Yes/No

OE641-7N-125-7

Test for the best visual linearized output of Picture A7-126-0		Yes/No
Output test with the computer display () or the external display ()		
Test of the <i>Landolt-rings N-W</i> according to picture A4-126-0		
<i>N-W</i> -radial grating:		
Is the recognition frequency of the <i>Landolt-rings</i> > 50% (5 of 8 at least)?		
background – ring		
0 – 1		Yes/No
7 – 8		Yes/No
E – F		Yes/No
2 – 0		Yes/No
8 – 6		Yes/No
F – D		Yes/No
Test of the radial grating under 45° according to picture A5-126-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x):	– from 15 lpi:	to lpi
Test of the radial grating under 90° according to picture A6-126-0		
Can equally spaced lines be seen?		
Visual testing: for radial diameter from 15 to 60 lpi		Yes/No
Test with a magnifying glass (e.g. 6x):	– from 15 lpi:	to lpi

Documentation of assessor colour vision properties for visual assessment

The assessor has **normal** colour vision according to one test: underline Yes/No
either according to DIN 6160:1996 with Anomaloskop of Nagel underline Yes/unknown
or with test charts using colour points according to Ishihara underline Yes/unknown
or tested with, please specify: underline Yes/unknown

For visual evaluation of the display (monitor, data projector) output

Office workplace illumination is daylight (clouded/north sky) underline Yes/No
PDF file: <http://130.149.60.45/farbmatrik/OE64/OE64F1P2.PDF> underline Yes/No
PS file: <http://130.149.60.45/farbmatrik/OE64/OE64F1P2.PS> underline Yes/No
Picture A7-126-2: contrast range: (>F:0) (F:0) (E:0) (D:0) (C:0) (A:0) (9:0) (7:0) (5:0) (3:0) (<3:0) underline range
compare standard print output according to ISO/IEC 15775 with range F:0
Remark: In daylighted offices the contrast range is in many cases:
on display between: >F:0 and E:0 (monitor), D:0 and 3:0 (data projector)

Only for optional colorimetric specification with PDF/PS file output

PDF-File: <http://130.149.60.45/farbmatrik/OE64/OE64F1P2.PDF> underline Yes/No
picture A7-126-2
PS-File: <http://130.149.60.45/farbmatrik/OE64/OE64F1P2.PS> underline Yes/No
picture A7-126-2 or underline Yes/No

colour measurement and specification for:

CIE standard illuminant D65, 2 degree observer, CIE 45/0 geometry: underline Yes/No
If No, please give other parameters:

Colorimetric specification with PS file for colours in the columns A to T

Exchange of CIELAB data in file www.ps.bam.de/De17/10L/L17e00NP.PS and transfer
of the PS-file L17e00NP.PS in PDF-file L17e00NP.PDF underline Yes/No
If No, please describe other method:

Part 1
OE640-3N-127-7

Part 3	OE640-7N-127-7
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Part 2
OE641-3N-127-7

Part 4
OE641-7N-127-7